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NOTICE OF ALLOWANCE AND FEE(S) DUE

20277

7590

07/29/2008

MCDERMOTT WILL & EMERY LLP 600 13TH STREET, N.W. WASHINGTON, DC 20005-3096

EXAMINER

VIJAYAKUMAR, KALLAMBELLA M

ART UNIT PAPER NUMBER

1793 DATE MAILED: 07/29/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/549.290	09/16/2005	Masaharu Hatano	050195-0546	1973

TITLE OF INVENTION: METHOD OF PRODUCING SOLID ELECTROLYTE AND SOLID ELECTROLYTE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	10/29/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where n

maintenance fee notifica	correspondence includir ed below or directed oth tions. ENCE ADDRESS (Note: Use BI		Not Fee	e: A certificate of r	nailing car	n only be used for e cannot be used fo	correspondence address as ate "FEE ADDRESS" for domestic mailings of the or any other accompanying t or formal drawing, must
20277	7590 07/29	/2008	hav	e its own certificate	of mailing	or transmission.	or formar drawing, must
MCDERMOT 600 13TH STRE	T WILL & EMER		I he Stai add trar	Cert creby certify that this tes Postal Service was ressed to the Mail asmitted to the USPI	ificate of I s Fee(s) Tr ith sufficie Stop ISSU O (571) 23	Mailing or Transn ransmittal is being ent postage for first UE FEE address a 73-2885, on the da	nission deposited with the United class mail in an envelope above, or being facsimile te indicated below.
							(Depositor's name)
							(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	1	ATTORNE	Y DOCKET NO.	CONFIRMATION NO.
10/549,290	09/16/2005	•	Masaharu Hatano		050	195-0546	1973
TITLE OF INVENTION	I: METHOD OF PRODU	CING SOLID ELECTR	OLYTE AND SOLID ELF	ECTROLYTE			
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nonprovisional	NO	\$1440	\$300	\$0		\$1740	10/29/2008
EXAM	IINER	ART UNIT	CLASS-SUBCLASS				
VIJAYAKUMAR, K	KALLAMBELLA M	1793	252-520200	_			
 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Custome Number is required. 			2. For printing on the p (1) the names of up to or agents OR, alternati (2) the name of a sing registered attorney or 2 registered patent atto listed, no name will be	o 3 registered patent vely, le firm (having as a agent) and the name orneys or agents. If n	attorneys member a s of up to		
PLEASE NOTE: Un recordation as set fort (A) NAME OF ASSI	less an assignee is ident h in 37 CFR 3.11. Comp GNEE	ified below, no assignee oletion of this form is NO	T a substitute for filing an (B) RESIDENCE: (CIT)	assignment. Y and STATE OR Co	OUNTRY))	cument has been filed for
Please check the appropr	rate assignee category or	categories (will not be p	rinted on the patent):	Individual 🖵 Coi	rporation o	or other private grou	up entity Government
4a. The following fee(s) are submitted: ☐ Issue Fee ☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies			b. Payment of Fee(s): (Plea A check is enclosed. Payment by credit can The Director is hereby overpayment, to Depo	rd. Form PTO-2038	is attached	d. ired fee(s). any def	
	s SMALL ENTITY statu	is. See 37 CFR 1.27.	b. Applicant is no loned from anyone other than				
interest as shown by the	records of the United Sta	tes Patent and Trademark	k Office.	ше аррисані; а regis	wieu allor	ncy or agent; or the	assignee of other party in
Authorized Signature				Date			
Typed or printed name				-			
This collection of inform an application. Confiden submitting the complete this form and/or suggest Box 1450, Alexandria, V Alexandria, Virginia 223	tiality is governed by 35 d application form to the ions for reducing this but /irginia 22313-1450. DC	FR 1.311. The informati U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to th O NOT SEND FEES OR	on is required to obtain or 1.14. This collection is es y depending upon the indite Chief Information Offic COMPLETED FORMS T	retain a benefit by th timated to take 12 m vidual case. Any con er, U.S. Patent and 7 O THIS ADDRESS.	ne public woninutes to comments on Frademark SEND TO	which is to file (and complete, including the amount of tim Office, U.S. Depar D: Commissioner for	by the USPTO to process) gathering, preparing, and the you require to complete truent of Commerce, P.O. or Patents, P.O. Box 1450,

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

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600 13TH STREI	,		ART UNIT	PAPER NUMBER
WASHINGTON, DC 20005-3096			1793	
			DATE MAILED: 07/29/200	8

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 231 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 231 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)			
	-				
Notice of Allowability	10/549,290 Examiner	HATANO ET AL. Art Unit			
, in the second					
	KALLAMBELLA VIJAYAKUMAR	1793			
The MAILING DATE of this communication apper All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication GHTS. This application is subject to	olication. If not included will be mailed in due course. THIS			
1. This communication is responsive to <u>06/23/2008</u> .					
2. The allowed claim(s) is/are <u>2-11</u> .					
 Acknowledgment is made of a claim for foreign priority until a) All b) Some* c) None of the: Certified copies of the priority documents have Certified copies of the priority documents have Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of the priority until priority documents have	been received. been received in Application No cuments have been received in this i	national stage application from the			
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.					
4. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give					
5. \square CORRECTED DRAWINGS (as "replacement sheets") mus	t be submitted.				
(a) ☐ including changes required by the Notice of Draftspers	•	948) attached			
1) ☐ hereto or 2) ☐ to Paper No./Mail Date					
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date					
Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the					
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.					
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5. ☐ Notice of Informal P	atent Application			
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Summary	(PTO-413),			
3. Information Disclosure Statements (PTO/SB/08),	Paper No./Mail Dat 7.	e nent/Comment			
Paper No./Mail Date4.		ent of Reasons for Allowance			
	9.				
	/Stanley Silverman, SPE17	93/			

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

Claims 2-11 are allowed.

Applicant's amendment cancels the rejected claim-12 that overcomes the rejection in the last office action, and conditions the application for allowance. An updated search did not result in any new prior art that either teaches or fairly suggest applicant's method of making the specific ZrO2-Sc2O3 by the combination of the process steps and the components processed therein.

Further, applicants show unexpected results (Table-1) in making the composition by a combination of pressure and temperature of treating the component mixture.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KALLAMBELLA VIJAYAKUMAR whose telephone number is (571)272-1324. The examiner can normally be reached on M-F 07-3.30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stanley Silverman can be reached on 5712721358. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Art Unit: 1793

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/KMV/ July 10, 2008.

/Stanley Silverman/

Supervisory Patent Examiner, Art Unit 1793



Application/Control No.	Applicant(s)/Patent under Reexamination	
10/549,290	HATANO ET AL	
Examiner	Art Unit	
KALLAMBELLA VIJAYAKUMAR	1793	

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